Create a Flask Project

app.py

```python
from flask import Flask,render_template,request,redirect
import mysql.connector

app=Flask(__name__)
conn =
mysql.connector.connect(host="localhost",port="3306",user="root",password="ya
shu@632",database="Student",auth_plugin='mysql_native_password')
cursor = conn.cursor()
@app.route("/")
def login():
    return render_template('login.html')

@app.route('/register')
def about():
    return render_template('register.html')
@app.route('/home')
def home():
    return render_template('home.html')
@app.route('/login_validation', methods=['POST'])
def login_validation():
    email=request.form.get('email')
    password=request.form.get('password')
    cursor.execute("""SELECT * FROM `student` WHERE `StudEmail` like '{}' AND
`StudPass` LIKE '{}' """.format(email,password))
    users=cursor.fetchall()
    if len(users)>0:
        return redirect('/home')
    else:
        return redirect('/login.html')
@app.route('/add_user', methods=['POST'])
def add_user():
    name=request.form.get('name')
    email=request.form.get('email')
    password=request.form.get('password')
    id=request.form.get('StudId')
    dept = request.form.get('StudDept')

    cursor.execute("""INSERT INTO `student`
(`StudID`,`StudEmail`,`StudPass`,`StudName`,`StudDept`)
VALUES('{}','{}','{}','{}','{}')""".format(id,email,password,name,dept))
    conn.commit()
    return "User registered successfully"


if __name__ == '__main__':
    app.run()
```

login.html

```html
<!doctype html>
<html lang="en" >
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.rtl.min
.css" integrity="sha384-
OXTEbYDqaX2ZY/BOaZV/yFGChYHtrXH2nyXJ372n2Y8abBhrqacCEe+3qhSHtLjy"
crossorigin="anonymous">
<link rel="stylesheet" type="text/css"
href="{{url_for('static',filename='css/style.css')}}">
    <title>Login page</title>
  </head>

  <body class="bg-nav">
  <nav class="navbar bg-nav">
      <a href="" class="navbar-brand text-light">IBM</a>
  </nav>

  <div class="container">

    <div class="row">
      <div class="col-md-8">
          <h1 class="text-light display-4 mt-100" style="font-
size:40px">Skills and Job recommender</h1><br>
        <img
src="https://th.bing.com/th/id/OIP.lgfKYqSvlR2CJicOqAeBpQHaGd?pid=ImgDet&w=20
7&h=180&c=7" alt="" width="400px" height="190px">
      </div>
      <div class="col-md-4">
      <div class="card">
        <div class="card-body">
          <form class="form" method="post" action="/login_validation">
            <label>Email</label><br>
            <input typr="email" class="form-control" name="email"><br>
            <label>Password</label><br>
            <input type="password" class="form-control"
name="password"><br><br>
            <input type="submit" class="btn btn-primary btn-block btn-lg"
value="Login">
          </form>
          <p class="mt-2">Not a member? <a href="/register">Create
Account</a></p>
        </div>
```

```
          </div>
        </div>
      </div>
    </div>


    <!-- Optional JavaScript; choose one of the two! -->

    <!-- Option 1: Bootstrap Bundle with Popper -->
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"
crossorigin="anonymous"></script>

    <!-- Option 2: Separate Popper and Bootstrap JS -->
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.j
s" integrity="sha384-
oBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlmh/jp3"
crossorigin="anonymous"></script>
    <script
src="https://stackpath.bootstrapcdn.vom/bootstrap/4.3.21/js/bootstrap.min.js"
integrity="sha384-
7VPbUDkoPSGFnVtYi0QogXtr74QeVeeIs99Qfg5YCF+TidwNdjvaKZX19NZ/e6oz"
crossorigin="anonymous"></script>

  </body>
</html>
```

home.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.rtl.min
.css" integrity="sha384-
OXTEbYDqaX2ZY/BOaZV/yFGChYHtrXH2nyXJ372n2Y8abBhrqacCEe+3qhSHtLjy"
crossorigin="anonymous">
<link rel="stylesheet" type="text/css"
href="{{url_for('static',filename='css/style.css')}}">
    <title>Home page</title>
</head>
<style>body{
        width: 130%;
        background-
image:url("https://miro.medium.com/max/8000/1*612zyHNNSri7z6dTCleP7g.jpeg");
        background-position: center;
        background-size: cover;
        background-repeat:no-repeat;
        height: 150vh;
        }
```

```
  nav,a{
  padding:15px
  }


</style>
<body>
<div class="bg-nav text-light d-flex flex-column flex-md-row align-items-
center p-3 px-md-4 mb-3 bg-white border-bottom shadow-sm">
  <h5 class="my-0 mr-md-auto font-weight-normal">Skills and Job
Recommender</h5>
  <nav class="my-2 my-md-0 mr-md-3 ">
    <a class="p-2 text-light" href="#">Home</a>
    <a class="p-2 text-light" href="#">Job Analysis</a>
    <a class="p-2 text-light" href="#">Profile</a>
    <a class="p-2 text-light" href="#">Settings</a>
  </nav>
  <a class="btn btn-outline-primary" href="#">Logout</a>
</div>


<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"
crossorigin="anonymous"></script>

    <!-- Option 2: Separate Popper and Bootstrap JS -->
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.j
s" integrity="sha384-
oBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlmh/jp3"
crossorigin="anonymous"></script>
    <script
src="https://stackpath.bootstrapcdn.vom/bootstrap/4.3.21/js/bootstrap.min.js"
integrity="sha384-
7VPbUDkoPSGFnVtYi0QogXtr74QeVeeIs99Qfg5YCF+TidwNdjvaKZX19NZ/e6oz"
crossorigin="anonymous"></script>

</body>
</html>
```

style.css

```css
.bg-nav{
background:#ff0084;
background-image: linear-gradient(to right top, #de1438, #e00069, #cc009d,
#9a3ecb, #125eeb);
background-image: linear-gradient(to right top, #de1438, #e00069, #cc009d,
#9a3ecb, #125eeb);
background-repeat:no-repeat;
}
.mt-100{
```

```
margin-top:100px;
}
```

register.html

```html
<!doctype html>
<html lang="en" >
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.rtl.min
.css" integrity="sha384-
OXTEbYDqaX2ZY/BOaZV/yFGChYHtrXH2nyXJ372n2Y8abBhrqacCEe+3qhSHtLjy"
crossorigin="anonymous">
<link rel="stylesheet" type="text/css"
href="{{url_for('static',filename='css/style.css')}}">
    <title>Registration</title>
  </head>

  <body class="bg-nav">
  <nav class="navbar bg-nav">
      <a href="" class="navbar-brand text-light">IBM</a>
  </nav>

  <div class="container">
    <div class="row">
      <div class="col-md-8">
          <h1 class="text-light display-4 mt-100" style="font-
size:40px">Skills and Job recommender</h1><br>
          <img
src="https://th.bing.com/th/id/OIP.je309Bl4vwQRbQ7z8iwN3QHaHa?pid=ImgDet&w=20
7&h=207&c=7" alt="">

      </div>
      <div class="col-md-4">
      <div class="card">
        <div class="card-body">
          <form class="form" method="post" action="/add_user">
              <label>Student ID</label>
              <input type="text" class="form-control" name="StudId">
              <label>Email</label><br>
            <input type="email" class="form-control" name="email"><br>
              <label>Password</label><br>
            <input type="password" class="form-control"
name="password"><br><br>
              <label>Name</label><br>
              <input type="text" class="form-control" name="name"><br>
              <label>Student Dept</label>
```

```html
            <input type="text" class="form-control" name="StudDept">
            <input type="submit" class="btn btn-primary btn-block btn-lg"
value="Login">

        </form>
        <p class="mt-2">Already a member? <a href="/">Login Here</a></p>
      </div>
    </div>
      </div>
    </div>
  </div>


    <!-- Optional JavaScript; choose one of the two! -->

    <!-- Option 1: Bootstrap Bundle with Popper -->
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOmMi466C8"
crossorigin="anonymous"></script>

    <!-- Option 2: Separate Popper and Bootstrap JS -->
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.j
s" integrity="sha384-
oBqDVmMz9ATKxIep9tiCxS/Z9fNfEXiDAYTujMAeBAsjFuCZSmKbSSUnQlmh/jp3"
crossorigin="anonymous"></script>
    <script
src="https://stackpath.bootstrapcdn.vom/bootstrap/4.3.21/js/bootstrap.min.js"
integrity="sha384-
7VPbUDkoPSGFnVtYi0QogXtr74QeVeeIs99Qfg5YCF+TidwNdjvaKZX19NZ/e6oz"
crossorigin="anonymous"></script>

  </body>
</html>
```
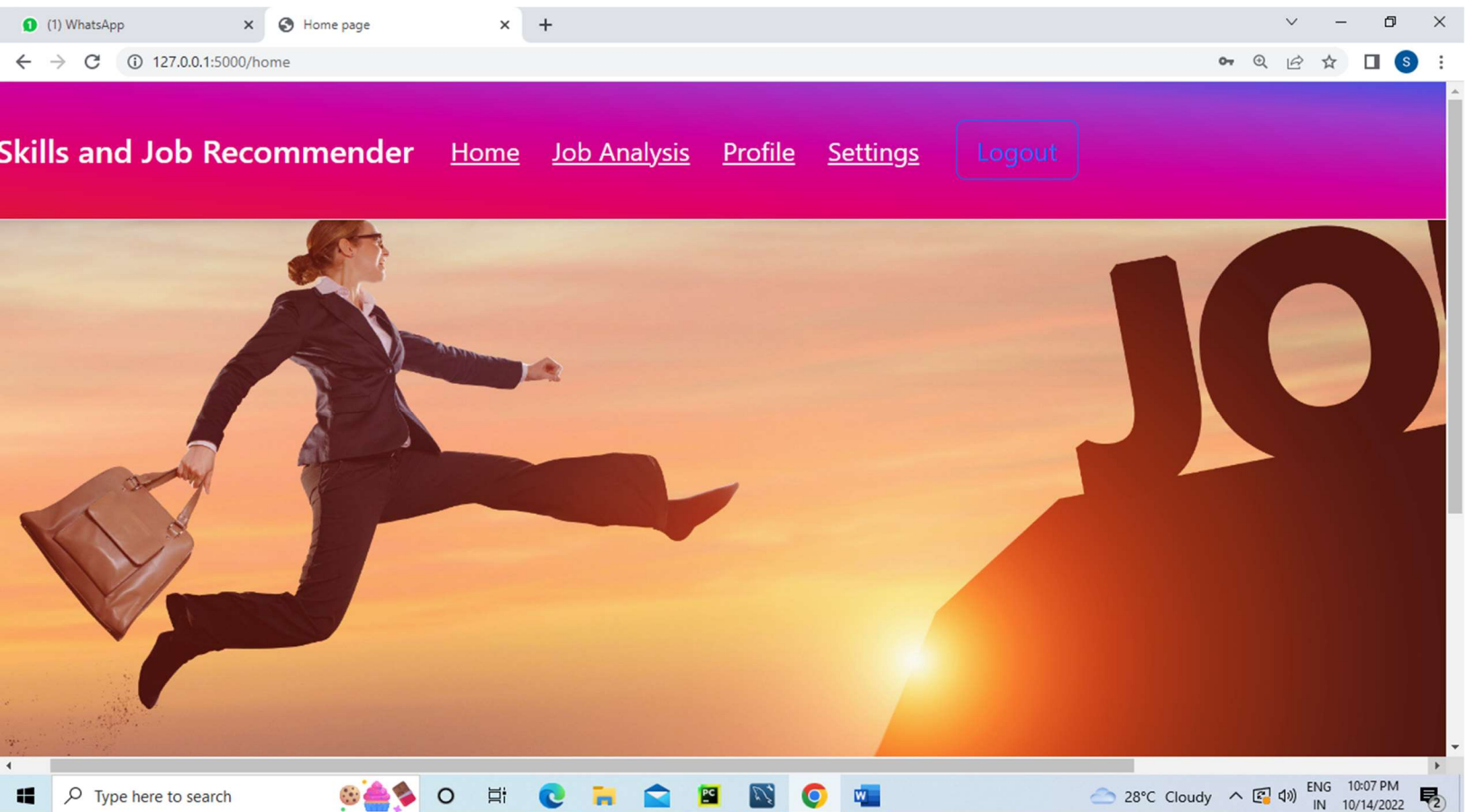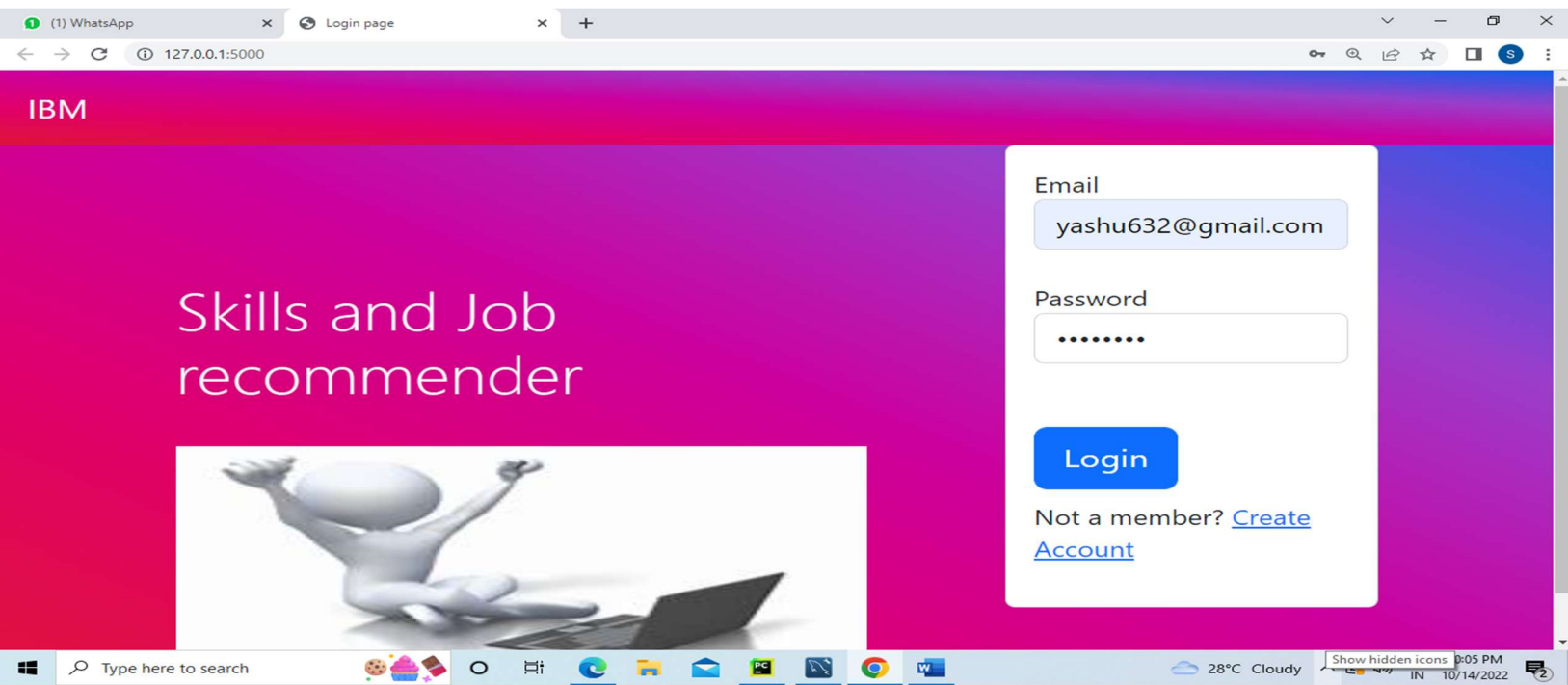
OUTPUT:

IBM

Skills and Job recommender

Email

yashu632@gmail.com

Password

••••••••

Login

Not a member? Create Account

Skills and Job Recommender   Home   Job Analysis   Profile   Settings   Logout

Skills and Job recommender

Student ID

3

Email

saishree4068@gmail.c

Password

••••••••

Name

Sai shree

Student Dept

CSE

Login

User registered successfully

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

udent   student   student   SQL File 21*   product   product   product   product   product   student.student   student   **student**

SQL Additions

Jump to

Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.

SCHEMAS

Filter objects

- ▶ 📋 product
  - 📑 Views
  - 📑 Stored Procedu
  - 📑 Functions
- ▼ 🗄 student
  - ▼ 📋 Tables
    - ▶ 📋 student
  - 📑 Views

```
1 •   SELECT * FROM student.student;
```

Administration   Schemas

Information

Table: student

Columns:
StudID   int PK
StudEmail   varcha
                PK
StudPass   varcha
                PK
StudName   varcha
                PK
StudDept   varcha

Limit to 1000 rows

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: 𝐈𝐀

StudID	StudEmail	StudPass	StudName	StudDept
1	yashu632@gmail.com	yashu632	Yashu	CSE
2	raghu2002@gmail.com	raghu@2002	Raghu	IT
3	saishree4068@gmail.com	sai@2002	Sai shree	CSE
NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

student 1

Apply   Revert   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✅ 1	20:08:23	SELECT * FROM student.student LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
✅ 2	21:05:14	SELECT * FROM student.student LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Object Info   Session

Type here to search   29°C Cloudy   ENG 9:06 PM
                                                IN   10/14/2022